

1 **ABSTRACT**

2 An audio generation system produces streams of audio wave data and
3 routes the audio wave data to audio buffers via logic buses that correspond
4 respectively to the audio buffers. A logic bus, or buses, are assigned to an audio
5 wave data source. Additionally, a logic bus corresponds to an audio buffer. Thus,
6 any streams of audio wave data generated by the audio wave data source are
7 routed to the audio buffer corresponding to the logic bus. A logic bus can receive
8 streams of audio wave data from multiple sources, and route the multiple audio
9 wave data streams to an audio buffer. Additionally, an audio buffer can receive
10 streams of audio wave data from multiple logic buses.